

4806

30-045-11402

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 16 Twp 32 Rng 10

Name of Well/Wells or Pipeline Serviced EPNG COM C #4

cps 694w

Elevation 6431' Completion Date 6/7/76 Total Depth 340' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 180'

Depths gas encountered: N/A

Type & amount of coke breeze used: 48 SACKS

Depths anodes placed: 335', 325', 315', 305', 295'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: cgb.#2

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Loggins

Drilling Log (Attach Hereto). ☐

Completion Date 6-7-76

Well Name EPNG Com #4		Location SW 16-32-10		CPS No. 694W	
Type & Size Bit Used 6 3/4"				Work Order No. 184-52838	
Anode Hole Depth 340 - 336	Total Drilling Rig Time	Total Lbs. Coke Used 48	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth # 1 335 # 2 325 # 3 315 # 4 305 # 5 295 # 6 # 7 # 8 # 9 # 10					
Anode Output (Amps) # 1 2.3 # 2 3.4 # 3 3.4 # 4 3.1 # 5 2.1 # 6 # 7 # 8 # 9 # 10					
Anode Depth # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 # 20					
Anode Output (Amps) # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 # 20					
Total Circuit Resistance Volts 12 Amps 8.2 Ohms 1.46	No. 8 C.P. Cable Used 57'		No. 2 C.P. Cable Used		

Remarks: DRILLER SAID WATER AT 180'. STARTED INJ. AT 130'. WATER
STANDING AT 310' NEXT A.M. VENT PIPE PERFORATED 200'
SLURRIED 48 SACKS OF COKE

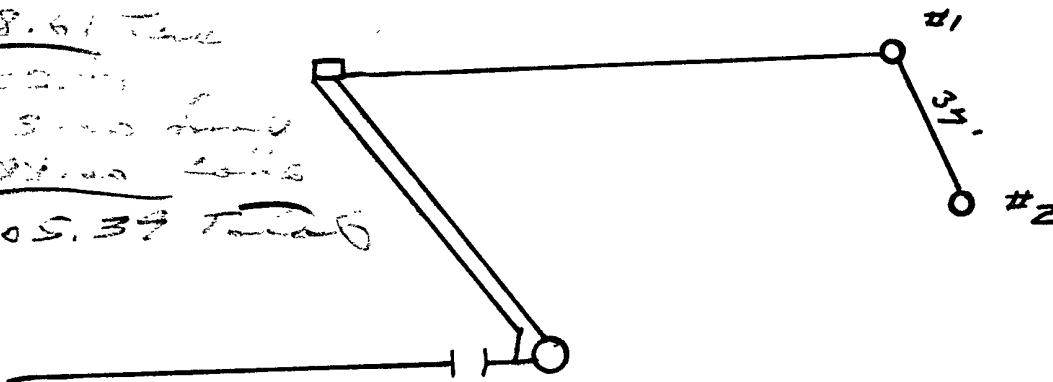
2248.50
8.88 *WFL*
2257.38
48.00
2215.38
98.61
2302.99
2.300
2280.69
2905.39

All Construction Completed

WFL

(Signature)

GROUND BED LAYOUT SKETCH



CPS # 69460

LEASE COMC WELL NO. #4 CONTRACTOR Morrow RIG NO. REPORT NO. DATE 6/7 1976

MORNING DAYLIGHT EVENING

MORNING					DAYLIGHT					EVENING				
Driller		Total Men In Crew			Driller		Total Men In Crew			Driller		Total Men In Crew		
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
0	130	Sand			240	250	Shale							
130	160	Shale			250	260	Sand							
160	240	Sand			260	340	Shale							

BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.
SERIAL NO.	STANDS			SERIAL NO.	STANDS			SERIAL NO.	STANDS		
SIZE	SINGLES			SIZE	SINGLES			SIZE	SINGLES		
TYPE	DOWN ON KELLY			TYPE	DOWN ON KELLY			TYPE	DOWN ON KELLY		
MAKE	TOTAL DEPTH			MAKE	TOTAL DEPTH			MAKE	TOTAL DEPTH		

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.				Time	Wt.	Vis.				Time	Wt.	Vis.			

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -

SIGNED: Toolpusher _____ Company Supervisor _____

694 W

DRILLER S.A.D. WATER
@ 180'Water Standing @ 315'
Vent Pipe Perforated 200'
48 SACKS OF COKE

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 2.2
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.85
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.90
128	C ₇ 15.97
142	IC ₇ 17.2
156	C ₈ 17.46
170	IC ₈ 17.7
184	C ₉ 19.64
198	IC ₉ 19.67

MW	MISC
44	CO ₂ 6.34
34	H ₂ S 5.17
28	N ₂ 1.16
2	H ₂ 3.35

180 .50 250 1.40
 .50 1.40 -

90 .20 300 1.70
 .30 1.80 -

200 .40 10 2.00
 .70 1.90 -

10 .60 20 1.90
 .60 2.10 -

20 .50 30 1.80
 .40 1.70 -

30 .30 1 335-1.70 2.3
 .50 2 325-2.10 3.4

40 .30 3 315-1.30 3.4
 .80 4 305-1.50 3.1

50 .80 5 295-1.40 2.1
 .50

60 .60 2.12/12.10
 .60 8.2

70 1.10 38.3
 1.80 21.8
 57.7

80 1.60
 1.50

12.0 8.2 Aps